

*In the Claims*

The claims in the case are:

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BH
1. [Currently amended] A system for serving graphics for display at a browser, comprising:
- a graphics server;
- a database for storing graphic effects parameters;
- a cache;
- said browser including a display;
- said graphics server for serving a document to an edit screen on said display;
- said graphics server responsive to a user activating an insert graphic command with a cursor positioned by said user at an insertion point anywhere within said document for serving to said browser an insert graphics screen for user selection of said graphic effects

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parameters;

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said graphics server responsive to said user completing

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said selection of said graphic effects parameters for

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serving said document to said display with said graphic

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image at said insertion point;

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said server being operable for storing graphics and

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text received from said browser as an image in said

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cache and said parameters for said image in said

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database; and

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said server being further operable responsive to a

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request from a requesting browser for selectively

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serving to said requesting browser for display said

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image from said cache and, if not found in said cache,

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for generating anew said image from said parameters

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stored in said database by constructing a background

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object, constructing a font object, constructing text

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graphics, applying graphic effects from said database,

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and combining said background object, said font object,

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said text graphics, and said graphic effects to form

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said image.

1 2. [Original] The system of claim 1, said graphics server  
2 being operable for storing in said database, and making  
3 available to any of a plurality of browsers, parameters for  
4 reconstituting a plurality of screen display images.

3. [Withdrawn]

4. [Withdrawn]

BT  
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5. [Currently amended] A method for serving an image to a  
browser screen, comprising the steps of:

3 maintaining a cache of cached images;

4 maintaining a data base of default parameters;

5 serving a document to an edit panel on said screen;

6 responsive to a user activating an insert graphic  
7 command with a cursor positioned at an insertion point  
8 at any user selected position in said document for  
9 serving to said browser an insert graphics text screen  
10 for user selection of said graphic effects parameters;

11 responsive to said user completing said selection of  
12 said graphic effects parameters for serving said  
13 document to said screen with said graphic image at said  
14 insertion point;

15 receiving a graphic request locator for said insert  
16 graphics text screen;

BT  
17 hashing said graphic request locator to form a string  
18 number; and

19 examining cache for a cached image with a matching  
20 string number, and if found, serving said cached image  
21 to said browser screen; and, if not found, parsing said  
22 graphic request locator for graphic parameters and  
23 constructing from said graphic parameters and  
24 selectively from said default parameters a  
25 reconstructed image for serving to said browser.

1 6. [Original] The method of claim 5, further comprising  
2 the steps of maintaining a database of graphic parameters,  
3 and responsive to receiving a graphic request locator which  
4 does not hash to a string number found in said cache,  
5 parsing said graphic request locator for the location in

6 said database of graphic parameters for said graphic  
7 parameters for reconstructing said image for serving to said  
8 browser.

1 7. [Original] The method of claim 5, said step for  
2 constructing a reconstructed image further comprising the  
3 steps of:

BT 4 constructing a background object;

5 constructing a font object;

6 constructing text graphics;

7 applying graphic effects from said database; and

8 combining said background object, said font object,  
9 said text graphics, and said graphic effects to form  
10 said image.

1 8. [Original] The method of claim 7, said graphic effects  
2 selectively including blurring, shadowing, animation and  
3 transparency effects.

1 9. [Original] The method of claim 8, said animation  
2 effects selectively including fade in, fade out, fade  
3 in/out, undulation, and slide.

1 10. [Original] The method of claim 9, said slide effects  
2 selectively including in, out, loop, up, and down.

BT 1 11. [Currently amended] A program storage device readable  
2 by a machine, tangibly embodying a program of instructions  
3 executable by a machine to perform method steps for serving  
4 an image to a browser screen, said method steps comprising:

5 maintaining a cache of cached images;

6 maintaining a data base of default parameters;

7 serving a document to an edit panel on said screen;

8 responsive to a user activating an insert graphic  
9 command with a cursor positioned at an insertion point  
10 at any user selected position in said document for  
11 serving to said browser an insert graphics text screen  
12 for user selection of said graphic effects parameters;

13 responsive to said user completing said selection of  
14 said graphic effects parameters for serving said  
15 document to said screen with said graphic image at said  
16 insertion point;  
  
17 receiving a graphic request locator;  
  
18 hashing said graphic request locator to form a string  
19 number; and  
  
20 examining cache for a cached image with a matching  
21 string number, and if found, serving said cached image  
22 to said browser screen; and, if not found, parsing said  
23 graphic request locator for graphic parameters and  
24 constructing from said graphic parameters and  
25 selectively from said default parameters a  
26 reconstructed image for serving to said browser by  
27 constructing a background object, constructing a font  
28 object, constructing text graphics, applying graphic  
29 effects from said database, and combining said  
30 background object, said font object, said text  
31 graphics, and said graphic effects to form said image.

1 12. [Currently amended] An article of manufacture  
2 comprising:

3 a computer useable medium having computer readable  
4 program code means embodied therein for serving an  
5 image to a browser screen, the computer readable  
6 program means in said article of manufacture  
7 comprising:

8 computer readable program code means for causing a  
9 computer to effect maintaining a cache of cached  
10 images;

11 computer readable program code means for causing a  
12 computer to effect maintaining a data base of default  
13 parameters;

14 computer readable program code means for serving a  
15 document to an edit panel on said screen;

16 computer readable program code means responsive to a  
17 user activating an insert graphic command with a cursor  
18 positioned at an insertion point at any user selected  
19 position in said document for serving to said browser



20 an insert graphics text screen for user selection of  
21 said graphic effects parameters;

22 computer readable program code means responsive to said  
23 user completing said selection of said graphic effects  
24 parameters for serving said document to said screen  
25 with said graphic image at said insertion point;

26 computer readable program code means for causing a  
27 computer to effect receiving a graphic request locator;

28 computer readable program code means for causing a  
29 computer to effect hashing said graphic request locator  
30 to form a string number; and

31 computer readable program code means for causing a  
32 computer to effect examining cache for a cached image  
33 with a matching string number, and if found, serving  
34 said cached image to said browser screen; and, if not  
35 found, parsing said graphic request locator for graphic  
36 parameters and constructing from said graphic  
37 parameters and selectively from said default parameters  
38 a reconstructed image for serving to said browser by  
39 constructing a background object, constructing a font

40 object, constructing text graphics, applying graphic  
41 effects from said database, and combining said  
42 background object, said font object, said text  
43 graphics, and said graphic effects to form said image.

1 13. [Currently amended] A computer program product or  
2 computer program element for serving an image to a browser  
3 screen according to the steps of:

4 maintaining a cache of cached images;

5 maintaining a data base of default parameters;

6 serving a document to an edit panel on said screen;

7 responsive to a user activating an insert graphic  
8 command with a cursor positioned at an insertion point  
9 located at any user selected position in said document

10 for serving to said browser an insert graphics text  
11 screen for user selection of said graphic effects  
12 parameters;

13 responsive to said user completing said selection of  
14 said graphic effects parameters for serving said

15 document to said screen with said graphic image at said  
16 insertion point;  
  
17 receiving a graphic request locator;  
  
18 hashing said graphic request locator to form a string  
19 number; and  
20 examining cache for a cached image with a matching  
21 string number, and if found, serving said cached image  
22 to said browser screen; and, if not found, parsing said  
23 graphic request locator for graphic parameters and  
24 constructing from said graphic parameters and  
25 selectively from said default parameters a  
26 reconstructed image for serving to said browser by  
27 constructing a background object, constructing a font  
28 object, constructing text graphics, applying graphic  
29 effects from said database, and combining said  
30 background object, said font object, said text  
31 graphics, and said graphic effects to form said image.